




Personal Systems Reference Lenovo® ThinkVision® Monitors

March 2012 - Version 413





ThinkVision L2321x Wide Monitor

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<p>Name D186 Wide Flat Panel Monitor Case color Business black Type-model 2580-AB1 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 18.5" (470mm) diagonal Max view area (W x H) 16.1" x 9.1" / 409.8mm x 230.4mm Optimum resolution 1366x768 at 60Hz Maximum resolution 1366x768 at 60Hz (135MHz max pixel rate) Aspect ratio 16:9 Pixel pitch (mm) .300mm Dot/Pixel per Inch 85 dpi Brightness 200 nits or cd/m² (typical) Contrast ratio 600:1 (typical) Pixel response time 5ms (typical) Color gamut 67% Anti-reflective Anti-reflective, anti-glare Viewing angle at 10:1 CR 90° (+/- 45°) horizontal, 50° (+/- 25°) vertical Stand Tilt adjustable stand Bezel width <i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm); <i>bottom:</i> 1.19" (30.1mm)</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 18.5-inch monitor • High Definition (HD) ready; 1366x768 resolution • Detachable stand tilts for comfortable viewing • Supports VESA mount (100mm) • 50% less mercury • Kensington® lock slot ready for enhanced security 						
<p>Dimensions (HxWxD) 14.6" H x 17.4" W x 8.3" D; 370mm H x 442mm W x 210mm D Power supply 16 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 7.28 lb; 3.3kg Limited warranty⁴ 3 years (includes backlight) Available date January 2010</p>	 <p style="text-align: center;">Lenovo D186 Wide Monitor</p>						
<p>VESA-compliant² VESA DDC2B/C1, VESA DPMS-compliant Power management None Ergonomics ISO 9241-307 Pixel defect ISO 9241-307 pixel defect standard Emission standards FCC Class B Environmental WEEE, RoHS (EU Directive 2002/95/EC),</p>							
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x720, 1280x768 1360x768, 1366x768</p>							
<p>Presets Standard presets: 20; user settings: 16</p>							
<p>Viewing adjustments <i>Tilt:</i> 20° back, -5° forward; no lift; no swivel; detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness USB hub None Multiple input None Monitor connectors VGA 15-pin D-shell, analog, blue Signal cables Detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington lock-compatible)</p>							
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord</p>							
<p style="text-align: center;">Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Rapid Replacement Service at 1-800-426-7378 ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">Accessories</p> <table border="0"> <tr> <td>Kensington MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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Kensington Twin Head Cable Lock	45K1620						
Lenovo Easy Reach Monitor Stand	55Y9258						

See footnotes for important warranty information
 US model announced January 12, 2010


<p>Name L2021 Wide Flat Panel Monitor Case color Business black Type-model 4449-HB1 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 20.0" / 508mm (diagonal) Max view area (W x H) 17.4" x 9.8" / 443mm x 249mm Optimum resolution 1600x900 at 60Hz Aspect ratio 16:9 Pixel pitch (mm) 0.277mm Dot/Pixel per Inch 92 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75 Hz Horizontal frequency 31 to 81 kHz Viewing angle at 5:1 CR 178° (+/- 89°) horizontal, 170° (+/- 85°) vertical Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width <i>Sides:</i> 0.48" (12.1mm); <i>top:</i> 0.47" (11.9mm); <i>bottom:</i> 0.39" (10.1mm) Dimensions (HxWxD) 14.1" H x 18.7" W x 5.9" D; 357.5mm H x 475.9mm W x 151.2mm D Power supply 22 watts typical, 27 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.24 lb; 4.2kg Limited warranty⁴ 3 years (includes backlight) Available date September 2010</p>	<p>Features</p> <ul style="list-style-type: none"> • All-purpose 20-inch wide flat panel LCD monitor • View images in a 16x9 wide aspect ratio • High-bandwidth Digital Content Protection (HDCP)-compliant • Tilt and cable management stand • Compliance with ENERGY STAR 5.0 • 50% less mercury • Microsoft® Windows® 7 certified
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR^{®3} 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B Environmental EPEAT™ Gold rating, TCO (TCO Displays 5.0), WEEE, RoHS (EU Directive 2002/95/EC)</p> <p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 WXGA: 1280x720, 1280x768, 1280x800, 1366x768 SXGA: 1280x1024 WXGA+: 1440 x 900, 1600x900 Presets / user settings Standard presets: 25; user settings: 20</p>	 <p>Lenovo L2021 Wide Monitor</p>  <p>Lenovo L2021 Wide Monitor rear view with cable management</p>
<p>Viewing adjustments <i>Tilt:</i> 20° back, -5° forward; detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (control buttons on front) for automatic image setup USB hub None Multiple input Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D) for digital attach [white], HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end (for digital connector), 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI[®] (75mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m power cord</p>

<p>Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision</p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
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See footnotes for important warranty information
 US model announced September 21, 2010

<p>Name LS1922 Wide Flat Panel Monitor Case color Business black Type-model 2580-AF1 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 18.5" (470mm) diagonal Max view area (W x H) 16.1" x 9.1" / 409.8mm x 230.4mm Native resolution 1366x768 Aspect ratio 16:9 Pixel pitch (mm) .300mm Dot/Pixel per Inch 85 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width <i>Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.19" (30.1mm)</i> Dimensions (HxWxD) 14.54" H x 17.38" W x 8.25" D; 370.1mm H x 442.2mm W x 210.0mm D Power supply 18 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 6.55 lb; 2.97 kg Limited warranty⁴ 3 year (includes backlight) Available date February 2012</p>	<p style="text-align: center;">Features</p> <ul style="list-style-type: none"> • Widescreen 18.5-inch monitor • Supports HD 1366x768 resolution • Supports VESA mount (100mm) • Mercury free panel and arsenic free glass • Kensington® lock slot ready for enhanced security • Microsoft® Windows® 7 certified 																
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 5.2), WEEE, RoHS</p>	<div style="text-align: center;">  <p>Lenovo LS1922 Wide Monitor</p> </div>																
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x720, 1280x768, 1360x768, 1366x768</p> <p>Presets / user settings Standard presets: 16 (VGA); user settings: 16</p>																	
<p>Viewing adjustments <i>Tilt: 20° backward, -5° forward</i> Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness Multiple input None Monitor connectors VGA 15-pin D-shell, analog, blue Signal cables detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>																	
<p>Ship group Monitor, attached stand, Setup poster with Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord</p>	<table border="0" style="width: 100%;"> <tr> <td colspan="2" style="text-align: center;">Limited Warranty</td> <td colspan="2" style="text-align: center;">Accessories</td> </tr> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ </td> <td style="vertical-align: top;"> <table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td style="text-align: right;">57Y4303</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td style="text-align: right;">57Y4352</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p> </td> </tr> </table>	Limited Warranty		Accessories		<ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td style="text-align: right;">57Y4303</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td style="text-align: right;">57Y4352</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Security Cable Lock	57Y4303	Lenovo Easy Reach Monitor Stand	55Y9258	ThinkCentre Extend Arm	57Y4352
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See footnotes for important warranty information
 US model announced February 28, 2012

<p>Name LS2221 Wide Flat Panel Monitor Case color High gloss black Type-model 5453-LS1 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 21.5" (546mm) diagonal Max view area (W x H) 18.76" x 10.55" (476.6mm x 268.1mm) Native resolution 1920x1080 Aspect ratio 16:9 Pixel pitch (mm) .248mm Dot/Pixel per Inch 103 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Dynamic contrast ratio 10000000:1 Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width Sides: 0.925" (23.5mm) Dimensions (HxWxD) 15.38" H x 20.67" W x 7.08" D; 390.7mm H x 525.0mm W x 179.8mm D Power supply 18 watts typical, 30 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 8.69 lb; 3.95 kg Limited warranty⁴ 3 year (includes backlight) Available date August 2011</p>	<p style="text-align: center;">Features</p> <ul style="list-style-type: none"> • Widescreen 21.5-inch monitor • Supports Full HD 1920x1080 resolution • Ergonomic stand tilts • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Mercury free panel and arsenic free glass • Microsoft® Windows® 7 certified 								
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 5.2), WEEE, RoHS</p>	<div style="text-align: center;">  <p>Lenovo LS2221 Wide Monitor</p> </div>								
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x800, 1280x768, 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080 Presets / user settings Standard presets: 32 (VGA), 32 (DVI); user settings: 20</p>									
<p>Viewing adjustments Tilt: 20° backward, -5° forward Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, dual input and NOVO vision Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>									
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See footnotes for important warranty information
 US model announced August 2, 2011


<p>Name LS2421p Wide Flat Panel Monitor Case color High gloss black Type-model 4015-LS1 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 23.6" (598mm) diagonal Max view area (W x H) 20.52" x 11.54" (521.3mm x 293.2mm) Native resolution 1920x1080 Aspect ratio 16:9 Pixel pitch (mm) .272mm Dot/Pixel per Inch 93 dpi Brightness 300 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Dynamic contrast ratio 10000000:1 Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width Sides: 0.968" (24.6mm) Dimensions (HxWxD) 13.78" H x 22.44" W x 7.47" D; 350.0mm H x 572.0mm W x 189.8mm D Power supply 30 watts typical, 35 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.79 lb; 4.44 kg Limited warranty⁴ 3 year (includes backlight) Available date August 2011</p>	<p style="text-align: center;">Features</p> <ul style="list-style-type: none"> • Widescreen 23.6-inch monitor • Supports Full HD 1920x1080 resolution • Ergonomic stand tilts • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Mercury free panel and arsenic free glass • Microsoft® Windows® 7 certified 															
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 5.2), WEEE, RoHS</p>	<div style="text-align: center;">  <p>Lenovo LS2421p Wide Monitor</p> </div>															
<p>Preset resolutions</p> <table border="0"> <tr><td>VGA:</td><td>640x350, 640x480, 720x400</td></tr> <tr><td>SVGA:</td><td>800x600, 832x624</td></tr> <tr><td>XGA:</td><td>1024x768, 1152x864</td></tr> <tr><td>SXGA:</td><td>1280x1024</td></tr> <tr><td>WXGA:</td><td>1280x800, 1280x768, 1366x768</td></tr> <tr><td>WXGA+:</td><td>1440x900, 1600x900</td></tr> <tr><td>WSXGA+:</td><td>1680x1050</td></tr> <tr><td>Full HD:</td><td>1920x1080</td></tr> </table> <p>Presets / user settings Standard presets: 30 (VGA), 27 (HDMI); user settings: 20</p>		VGA:	640x350, 640x480, 720x400	SVGA:	800x600, 832x624	XGA:	1024x768, 1152x864	SXGA:	1280x1024	WXGA:	1280x800, 1280x768, 1366x768	WXGA+:	1440x900, 1600x900	WSXGA+:	1680x1050	Full HD:
VGA:	640x350, 640x480, 720x400															
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WXGA:	1280x800, 1280x768, 1366x768															
WXGA+:	1440x900, 1600x900															
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<p>Viewing adjustments Tilt: 20° backward, -5° forward Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, dual input, brightness and NOVO vision USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories) Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.3), digital, black, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, HDMI at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>																
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>																
<p style="text-align: center;">Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">Accessories</p> <table border="0"> <tr><td>Kensington® MicroSaver® Cable Lock</td><td>73P2582</td></tr> <tr><td>Kensington Twin Head Cable Lock</td><td>45K1620</td></tr> <tr><td>Lenovo Easy Reach Monitor Stand</td><td>55Y9258</td></tr> <tr><td>ThinkCentre Extend Arm</td><td>57Y4352</td></tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258	ThinkCentre Extend Arm	57Y4352							
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Lenovo Easy Reach Monitor Stand	55Y9258															
ThinkCentre Extend Arm	57Y4352															

See footnotes for important warranty information
 US model announced August 2, 2011

<p>Name LT1421 Wide Mobile Monitor Case color Raven black Type-model 1452-DS6 (with Protective Screen Cover) Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 14.0" (355.6mm) diagonal Max view area (W x H) 12.2" x 6.9" (310.8mm x 175.3mm) Optimum resolution 1366x768 Aspect ratio 16:9 Pixel pitch (mm) .227mm Dot/Pixel per Inch 112 dpi Brightness 200 nits or cd/m² (typical) Contrast ratio 400:1 (typical) Pixel response time 8ms (typical) Color gamut 45% Viewing angle at 10:1 CR 90° (+/- 45°) horizontal, 50° (+/- 25°) vertical Stand Tilt adjustable stand Bezel width Sides: 0.476" (12.1mm) Dimensions (HxWxD) 8.58" H x 13.19" W x 0.37-0.85" D; 217.9mm H x 335mm W x 9.3-21.5mm D Power supply 4.2 watts typical, 5 watts maximum, <0.1 watts standby/suspend, universal, USB 2.0 cable (no external brick-like power supply) Weight monitor only: 1.91 lb; 0.87 kg; with Protective Screen Cover: 2.31 lb; 1.05 kg Limited warranty⁴ 3 year (includes backlight) Available date September 2011</p>	<p style="text-align: center;">Features</p> <ul style="list-style-type: none"> • Widescreen 14-inch mobile monitor designed for ThinkPad • Light and Slim • Super low power (<5 watts) • Supports 1366x768 resolution • Ergonomic stand tilts, provides a 12° - 40° backward tilt adjustment for comfortable viewing • Detachable USB cable for power and signal • Microsoft® Windows® 7 certified  <p style="text-align: center;">ThinkVision LT1421 Wide Mobile Monitor</p>  <p style="text-align: center;">ThinkVision LT1421 Wide Mobile Monitor with ThinkPad Edge E420s</p>  <p style="text-align: center;">ThinkVision LT1421 with Protective Screen Cover</p>
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR[®] 5.1 Emission standards FCC Class B Environmental WEEE, RoHS Preset resolutions Display mode and resolution auto setup</p>	
<p>Protective Screen Cover Polycarbonate Snap-On Cover protects the LCD Screen while not in use</p>	
<p>Viewing adjustments Tilt: 12° - 40° backward Screen control Brightness (16 levels) Input USB input Monitor connectors USB 2.0 Signal cables detachable, USB Y-Type cable, 1.8 meter Mounting features None Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	
<p>Ship group Monitor, attached tile stand that cannot be removed, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter USB Y-Type cable, Protective Screen Cover</p>	

<p style="text-align: center;">Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">Accessories</p> <table border="0"> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
Kensington® MicroSaver® Cable Lock	73P2582				
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See footnotes for important warranty information
 US model announced August 16, 2011

<p>Name L1711p Flat Panel Monitor Case color Business black Type-model 5047-HB2 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 17.0" (432mm) diagonal Max view area (W x H) 13.3" x 10.6" (337.9mm x 270.3mm) Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 75Hz (165MHz max pixel rate) Aspect ratio 5:4 Pixel pitch (mm) 0.264mm Dot/Pixel per Inch 96 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz Viewing angle at 10:1 CR 160° (+/- 80°) horizontal, 160° (+/- 80°) vertical Stand Tilt height adjustable stand Bezel width <i>Sides: 0.6" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm)</i> Dimensions (HxWxD) 16-20.33" H x 14.6" W x 6.1" D; 405.7-515.7mm H x 370mm W x 155.2mm D Power supply 18 watts typical, 21 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.3 lb; 4.21kg Limited warranty⁴ 3 year (includes backlight) Available date November 2009</p>	<p>Features</p> <ul style="list-style-type: none"> • Regular screen 17-inch monitor • Supports SXGA 1280x1024 resolution • Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Reduces mercury content by 50% and arsenic free glass • Up to 70% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified 								
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</p> <p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024</p> <p>Presets / user settings Standard presets: 17; user settings: 22</p>	 <p>ThinkVision L1711p Monitor</p>								
<p>Viewing adjustments <i>Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand</i> Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>								
<p>Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Rapid Replacement Service at 1-800-426-7378 ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9215) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced October 20, 2009

Flat Panel Monitors - US model	Features						
<p>Name L197 Wide Flat Panel Monitor Case color Business black Type-model 4434-HE1 Stand Tilt stand Screen LCD Active Matrix TFT (Thin Film Transistor) Viewable image size (diag) 19.0" / 481mm (diagonal) Aspect ratio 16:10 Pixel pitch (mm) .285mm Max view area (inches) 16.1" x 10.0" (horizontal x vertical) Max view area (mm) 408mm x 255mm (horizontal x vertical) Viewing angle at 5:1 CR 176° vertical, 176° horizontal Viewing angle at 10:1 CR 160° vertical, 170° horizontal Video input Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Rotating screen No pivot USB Hub None</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 19-inch flat panel monitor • EPEAT™ Gold rating • View images in a 16:10 wide aspect ratio • Resolution of 1440x900 provides crisp screen images • Slim 14.3mm (0.56") side bezel • High-bandwidth Digital Content Protection (HDCP)-compliant • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Complements the ThinkCentre® and ThinkPad® systems • Microsoft® Windows® Vista™ Premium certified 						
<p>Optimum resolution 1440x900 at 60Hz Maximum resolution 1440x900 at 75Hz (137MHz maximum pixel rate) Vertical frequency 50 to 76Hz Horizontal frequency 30 to 81kHz Preset display modes VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz SXGA: 1280x1024 60, 70, 75Hz WXGA+: 1440x900 60, 75Hz Presets / user settings Standard presets: 20; user settings: 20 Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72%</p>	 <p style="text-align: center;">Lenovo ThinkVision L197 Wide</p>						
<p>On screen display On screen display with digital user controls (7 languages) Control features Direct access (buttons on front) for automatic image setup Monitor connectors Two connectors: (1) analog VGA 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white], HDCP-compliant Signal cables Two cables: (1) detachable, VGA 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 1.8 meter, matches color of monitor Anti-reflective Anti-reflective, anti-glare Dimensions 15.0"H x 17.3"W x 7.0"D / 381mm height x 440mm width x 179mm depth Weight 9.15lb / 4.15kg Viewing adjustments Tilt: 30° back, 4° forward / no lift, no swivel, detachable stand Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>							
<p>VESA-compliant² VESA DDC2B/C1, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 13406 Part 2¹ Pixel defect ISO 13406-2 Class II pixel defect standard Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating Ship group Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord Power supply 90-264Vac (universal), integrated (no external brick-like power supply), 22 watts typical, <2 watts standby/suspend Limited warranty⁴ 3 year (includes backlight) Available date April 2008</p>							
<p style="text-align: center;">Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Rapid Replacement Service at 1-800-426-7378 ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">Accessories</p> <table border="0"> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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Kensington Twin Head Cable Lock	45K1620						
Lenovo Easy Reach Monitor Stand	55Y9258						

See footnotes for important warranty information
 US model announced April 15, 2008

Name	L1900p Flat Panel Monitor
Case color	Business black
Type-model	4431-HE1
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight
Viewable image size	19.0" (483mm) diagonal
Max view area (W x H)	14.8" x 11.85" (376mm x 301mm)
Optimum resolution	1280x1024 at 60Hz
Maximum resolution	1280x1024 at 75Hz (135MHz max pixel rate)
Aspect ratio	5:4
Pixel pitch (mm)	.294mm
Dot/Pixel per Inch	86 dpi
Brightness	250 nits or cd/m ² (typical)
Contrast ratio	800:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Anti-reflective	Anti-reflective, anti-glare
Vertical frequency	56 to 76Hz
Horizontal frequency	30 to 81kHz
Viewing angle at 10:1 CR	160° (+/- 80°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	<i>Sides:</i> 0.6" (15.3mm); <i>top:</i> 0.66" (16.8mm); <i>bottom:</i> 1.05" (26.8mm)
Dimensions (HxWxD)	14.9-19.2" H x 16.1" W x 7.4-9.5" D; 378.7-488.7mm H x 408mm W x 188-241.1mm D
Power supply	17 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.5 lb; 5.7kg
Limited warranty ⁴	3 year (includes backlight)
Available date	November 2008

VESA-compliant ²	VESA DDC2B/CI, VESA DPMS-compliant
Power management	ENERGY STAR ^{®3} 5.0
Ergonomics	ISO 13406 Part 2 ¹
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2, MPR-3A, FCC Class B
Environmental	TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating , GREENGUARD [®] certified

Preset resolutions	VGA:	640x350, 640x480, 720x400
	SVGA:	800x600
	XGA:	1024x768
	SXGA:	1280x1024
	Presets / user settings	Standard presets: 21; user settings: 17

Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup
Multiple input	Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI [®] (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)

Ship group	Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord
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- Features**
- Regular screen 19-inch monitor
 - Supports SXGA 1280x1024 resolution
 - Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
 - Detachable rear stand cable cover and clip to hide cables
 - Microsoft® Windows® Vista® certified




ThinkVision L1900p Monitor with optional ThinkVision Soundbar

Limited Warranty	
↪	3 year limited warranty⁴
↪	International Warranty Service⁵
↪	Rapid Replacement Service at 1-800-426-7378
↪	Replacement normally arrives in two business days, excluding holidays
↪	Lenovo pays all shipping costs for valid warranty claims⁶
↪	Service upgrade options:⁷
•	3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)
•	3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)
•	4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
•	4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)
•	4 year, mail exchange (51J0589)
•	5 year, mail exchange (51J0590)
↪	24x7⁸ day toll-free support for warranty issues during the warranty period⁴

Accessories	
ThinkVision Soundbar	45K1263
Kensington® MicroSaver® Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Easy Reach Monitor Stand	55Y9258
See details at www.lenovo.com/support/monitoraccessories	
See all monitors at www.lenovo.com/thinkvision	

See footnotes for important warranty information
US model announced November 11, 2008


<p>Name L1951p Wide Flat Panel Monitor Case color Business black Type-model 2448-HB6 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 19.0" (481mm) diagonal Max view area (W x H) 16.07" x 10.05" (408.2mm x 255.2mm) Optimum resolution 1440x900 at 60Hz Maximum resolution 1440x900 at 75Hz (137MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .285mm Dot/Pixel per Inch 89 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 76Hz Horizontal frequency 30 to 81kHz Viewing angle at 10:1 CR 160° (+/- 80°) horizontal, 160° (+/- 80°) vertical Stand Tilt and height adjustable stand Bezel width Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.2" (30.5mm) Dimensions (HxWxD) 14.56-17.71" H x 17.36" W x 6.11" D; 369.9-449.9mm H x 440.9mm W x 155.2mm D Power supply 19 watts typical, 23 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.37 lb; 4.25kg Limited warranty⁴ 3 year (includes backlight) Available date October 2009</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 19-inch monitor • Supports WXGA+ 1440x900 resolution • Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Reduces mercury content by 50% and arsenic free glass • Up to 70% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</p>	 <p style="text-align: center;">ThinkVision L1951p Wide Monitor</p>
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA 1280x720, 1360x768 WXGA+ 1440x900 Presets / user settings Standard presets: 27; user settings: 20</p>	
<p>Viewing adjustments Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>

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See footnotes for important warranty information
 US model announced October 20, 2009

<p>Name LT1952p Wide Flat Panel Monitor Case color Business black Type-model 2448-MB6 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 19" (482.6mm) diagonal Max view area (W x H) 16.07" x 10.05" (408.2mm x 255.2mm) Optimum resolution 1440x900 Max pixel rate 137MHz Aspect ratio 16:10 Pixel pitch (mm) 0.2835mm Dot/Pixel per Inch 89.4 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Viewing angle at 10:1 CR 170° horizontal, 160° vertical Stand Tilt, swivel, and height adjustable stand Bezel width <i>Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.2" (30.5mm)</i> Dimensions (HxWxD) 15.66-19.99" H x 17.36" W x 6.74" D; 397.7-507.7mm H x 440.9mm W x 171.3mm D Power supply 13 watts typical, 17 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.49 lb; 4.30kg Limited warranty⁴ 3 year (includes backlight) Available date September 2011</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 19-inch monitor • Supports 1440x900 resolution • Ergonomic stand tilts, swivel, and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Cable Management for better user experience • Mercury and arsenic free glass • Recycled content in plastic material • Privacy Filter Slot • Microsoft® Windows® 7 certified 														
<p>VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B Environmental TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT™ Gold rating, ULE Gold</p> <p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1366x768 WXGA+: 1440x900</p> <p>Presets / user settings Standard presets: 22; user settings: 22</p>	 <p>ThinkVision LT1952p Wide Monitor</p>														
<p>Viewing adjustments <i>Tilt: 20° back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand</i> Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, input switch, and brightness Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord</p>														
<p>Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>DisplayPort to DisplayPort Monitor Cable</td> <td>0A36537</td> </tr> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington MicroSaver Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td>57Y4303</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td>57Y4352</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	DisplayPort to DisplayPort Monitor Cable	0A36537	ThinkVision Soundbar	45K1263	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Security Cable Lock	57Y4303	ThinkCentre Extend Arm	57Y4352	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced September 13, 2011


<p>Name L2250p Wide Flat Panel Monitor Case color Business black Type-model 2572-HB6 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 22.0" (559mm) diagonal Max view area (W x H) 18.7" x 11.7" (473.8mm x 296.1mm) Optimum resolution 1680x1050 at 60Hz Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt and height adjustable stand Bezel width Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm) Dimensions (HxWxD) 15.68-18.83" H x 19.92" W x 6.11" D; 398.3-478.3mm H x 506mm W x 155.2mm D Power supply 21 watts typical, 28 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 11.49 lb; 5.21kg Limited warranty⁴ 3 year (includes backlight) Available date October 2009</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 22-inch monitor • Supports WSXGA+ 1680x1050 resolution • Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Reduces mercury content by 50% and arsenic free glass • Up to 65% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</p>	 <p>ThinkVision L2250p Wide Monitor</p>
<p>Preset resolutions VGA: 640x350, 640x480, 720x480 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900 UXGA: 1600x1000 WSXGA+: 1680x1050 Presets / user settings Standard presets: 24; user settings: 20</p>	
<p>Viewing adjustments Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB hub None Camera None Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>

<p>Limited Warranty</p> <ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-426-7378 ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	ThinkVision Soundbar	45K1263	Kensington MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced October 20, 2009

<p>Name LT2252p Wide Flat Panel Monitor Case color Business black Type-model 2572-MB6 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 22" (559mm) diagonal Max view area (W x H) 18.7" x 11.7" (473.8mm x 296.1mm) Optimum resolution 1680x1050 Max pixel rate 205MHz Aspect ratio 16:10 Pixel pitch (mm) 0.282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Viewing angle at 10:1 CR 170° horizontal, 160° vertical Stand Tilt, swivel, pivot, and height adjustable stand Bezel width <i>Sides:</i> 0.60" (15.3mm); <i>top:</i> 0.79" (20.0mm); <i>bottom:</i> 1.10" (28.0mm)</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 22-inch monitor • Supports 1680x1050 resolution • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Cable Management for better user experience • Mercury and arsenic free glass • Recycled content in plastic material • Privacy Filter Slot • Microsoft® Windows® 7 certified 														
<p>Dimensions (HxWxD) 14.46-18.79" H x 19.92" W x 9.50" D; 367.3-477.3mm H x 506mm W x 241.2mm D Power supply 20 watts typical, 26 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 12.97lb; 5.89kg Limited warranty⁴ 3 year (includes backlight) Available date September 2011</p>	 <p>ThinkVision LT2252p Wide Monitor</p>														
<p>VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR^{®3} 5.1 Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B Environmental TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT™ Gold rating, ULE Gold</p>															
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768 WXGA+: 1440x900 WSXGA+: 1600x900 Presets / user settings Standard presets: <i>VGA/DisplayPort:</i> 26; <i>DVI-D:</i> 25; user settings: 25</p>	<p>Viewing adjustments <i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45°; detachable stand Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, input switch, and brightness USB hub None Camera None Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D) for digital attach [white], HDCP-compliant</p>														
<p>Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)</p>	<p>Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI[®] (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>														
<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord</p>															
<p>Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>DisplayPort to DisplayPort Monitor Cable</td> <td>0A36537</td> </tr> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td>57Y4303</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td>57Y4352</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	DisplayPort to DisplayPort Monitor Cable	0A36537	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Security Cable Lock	57Y4303	ThinkCentre Extend Arm	57Y4352	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced September 13, 2011

<p>Name L2251x Wide Flat Panel Monitor Case color Business black Type-model 2578-HB6 Panel TFT-LCD, twisted nematic (TN), white LED backlight Viewable image size 22.0" (559mm) diagonal Max view area (W x H) 18.7" x 11.7" / 473.8mm x 296.1mm Optimum resolution 1680x1050 at 60Hz Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 68% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt, swivel, pivot, and height adjustable stand Bezel width Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm) Dimensions (HxWxD) 14.97-19.3" H x 19.92" W x 9.50" D; 380.3-490.3mm H x 506mm W x 241.2mm D Power supply 21 watts typical, 28 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 12.39 lb; 5.63kg Limited warranty⁴ 3 year (includes backlight) Available date November 2009</p>	<p style="text-align: center;">Features</p> <ul style="list-style-type: none"> • Widescreen 22-inch monitor with white LED backlight • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Detachable rear stand cable cover and clip to hide cables • Integrated camera (0.3 megapixel) and microphone • Integrated ambient light sensor and a proximity sensor, save more energy and make viewing more comfortable • Low halogen, mercury free, and arsenic free glass, 92% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR[®] 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Certified Edge), WEEE, RoHS, EPEAT™ Gold rating</p>	<div style="text-align: center;">  <p>ThinkVision L2251x Wide Monitor</p> </div>
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900 UXGA: 1600x1000 WSXGA+: 1680x1050 Presets / user settings Standard presets: 24; user settings: 20</p>	
<p>Viewing adjustments Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB hub USB 2.0 Hub (1 port into PC, 3 ports for accessories) Camera Integrated camera (0.3 megapixel) and microphone Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord</p>

<p style="text-align: center;">Limited Warranty</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">Accessories</p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td style="text-align: right;">45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced October 20, 2009

<p>Name L2321x Wide Flat Panel Monitor Case color Business black Type-model 4014-HB6 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 23.0" (584mm) diagonal Max view area (W x H) 20.04" x 11.28" / 509.2mm x 286.4mm Optimum resolution 1920x1080 Dual screen function Function as two monitors (need both VGA and DisplayPort connected), hardware based solution provides 4 patterns of screen split (2:1, 1:1, 1:2, PIP) 16:9 Aspect ratio .265mm Pixel pitch (mm) 96 dpi Dot/Pixel per Inch 250 nits or cd/m² (typical) Brightness 1000:1 (typical) Contrast ratio 5ms (typical) Pixel response time 72% Color gamut Anti-reflective, anti-glare Anti-reflective 50 to 75Hz Vertical frequency 30 to 83kHz Horizontal frequency 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Viewing angle at 10:1 CR Tilt, swivel, pivot, and height adjustable stand Stand <i>Sides: 0.69" (17.6mm); top: 0.72" (18.2mm); bottom: 0.79" (20.1mm)</i> Bezel width Dimensions (HxWxD) 14.72-19.05" H x 21.49" W x 9.49" D; 373.9-483.9mm H x 545.9mm W x 241.1mm D Power supply 24 watts typical, 28 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 14.75 lb; 6.69kg Limited warranty⁴ 3 year (includes backlight) Available date July 2010</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 23-inch monitor • 1080p full HD support, HDCP-compliant • Function as two monitors, hardware based solution provides 4 patterns of screen split (2:1, 1:1, 1:2, PIP modes). • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Compliance with ENERGY STAR 5.0 • Arsenic free glass • Microsoft® Windows® 7 certified 						
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B Environmental TCO (TCO Certified Edge), WEEE, RoHS, EPEAT™ Gold rating</p> <p>Preset resolutions NTSC, PAL, 640x350, 640x480, 800x600, 832x624, 960x1080, 1024x768, 1152x864, 1280x1024, 1280x1080, 1366x768, 1440x900, 1680x1050, 1920x1080</p> <p>Dual image resolution (2:1): 1280x1080 + 640x1080 (1:2): 640x1080 + 1280x1080 (1:1): 960x1080 + 960x1080 (PIP): 640x480 in 1920x1080</p> <p>Presets / user settings Presets: 26(VGA), 25(DisplayPort); user settings: 20</p>	 <p>ThinkVision L2321x Wide Monitor</p>						
<p>Viewing adjustments <i>Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand</i> Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort) USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories) Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p> <p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord</p>	<p>Accessories</p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
ThinkVision Soundbar	45K1263						
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Kensington Twin Head Cable Lock	45K1620						

Limited Warranty	
↪	3 year limited warranty⁴
↪	International Warranty Service⁵
↪	Rapid Replacement Service at 1-800-426-7378
↪	Replacement normally arrives in two business days, excluding holidays
↪	Lenovo pays all shipping costs for valid warranty claims⁶
↪	Service upgrade options:⁷
•	3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)
•	3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)
•	4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
•	4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)
•	4 year, mail exchange (51J0589)
•	5 year, mail exchange (51J0590)
↪	24x7⁸ day toll-free support for warranty issues during the warranty period⁴

Accessories	
ThinkVision Soundbar	45K1263
Kensington® MicroSaver® Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
See details at www.lenovo.com/support/monitoraccessories	
See all monitors at www.lenovo.com/thinkvision	

See footnotes for important warranty information
 US model announced June 10, 2010

<p>Name LT2452p Wide Flat Panel Monitor Case color Business black Type-model 4420-MB2 Panel TFT-LCD, e-IPS, White LED backlight Viewable image size 24" (610mm) diagonal Max view area (W x H) 20.4" x 12.8" (518.4mm x 324.0mm) Optimum resolution 1920x1200 Max pixel rate 202.5MHz Aspect ratio 16:10 Pixel pitch (mm) 0.270mm Dot/Pixel per Inch 94 dpi Brightness 300 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 7ms (GtG) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Viewing angle at 10:1 CR 178° horizontal, 178° vertical Stand Tilt, swivel, pivot, and height adjustable stand Bezel width Sides: 0.78" (19.9mm); top: 0.78" (19.9mm); bottom: 1.12" (28.4mm)</p> <p>Dimensions (HxWxD) 15.54-19.87" H x 22" W x 10.13" D; 394.8-504.8mm H x 559.6mm W x 257.3mm D</p> <p>Power supply 30 watts typical (w/o USB hub), 40 watts maximum (w/o USB hub), <0.5 watts standby/suspend (w/o USB hub), universal, integrated (no external brick-like power supply)</p> <p>Weight 14.70 lb; 6.67kg Limited warranty⁴ 3 year (includes backlight) Available date September 2011</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 24-inch monitor • Supports 1920x1200 resolution • High Definition (HD) ready; supports 1080p video • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Cable Management for better user experience • Carrying handle • Recycled content in plastic material • Microsoft® Windows® 7 certified
<p>VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B Environmental TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT™ Gold rating, ULE Gold</p>	 <p>ThinkVision LT2452p Wide Monitor</p>
<p>Preset resolutions VGA: 640x350, 640x480, 720x400; SVGA: 800x600; XGA: 1024x768, 1152x864; SXGA: 1280x1024; WXGA: 1280x768, 1280x800, 1366x768; WXGA+: 1440x900; UXGA: 1600x1200; WSXGA+: 1680x1050; Full HD: 1920x1080; WUXGA: 1920x1200</p> <p>Presets / user settings Standard presets: 30; user settings: 20</p>	
<p>Viewing adjustments Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, input switch, and brightness USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories) Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue; (2) DisplayPort, digital, black, HDCP-compliant; (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter; (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Security Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount); Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Viewing adjustments Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, input switch, and brightness USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories) Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue; (2) DisplayPort, digital, black, HDCP-compliant; (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter; (2) detachable, DVI-D at each end, digital, 1.8 meter Mounting features Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Security Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount); Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>
<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter USB cable, 1.8 meter black power cord</p>	<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter USB cable, 1.8 meter black power cord</p>

<p>Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Rapid Replacement Service at 1-800-426-7378 ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table border="0"> <tr> <td>DisplayPort to DisplayPort Monitor Cable</td> <td>0A36537</td> </tr> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington MicroSaver Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td>57Y4303</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td>57Y4352</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	DisplayPort to DisplayPort Monitor Cable	0A36537	ThinkVision Soundbar	45K1263	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Security Cable Lock	57Y4303	ThinkCentre Extend Arm	57Y4352	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information
 US model announced September 13, 2011



Kensington® MicroSaver® Cable Lock from Lenovo
(73P2582)

Kensington Twin Head Cable Lock from Lenovo
(45K1620)

Lenovo Security Cable Lock
(57Y4303)



ThinkVision Soundbar
(45K1263)



Lenovo Easy Reach Monitor Stand
(55Y9258)



ThinkCentre Extend Arm
(57Y4352)



Lenovo USB-to-DVI Monitor Adapter
(45K5296)



- Lenovo DisplayPort to VGA Monitor Cable
(57Y4393)
- Lenovo DisplayPort to Single-link DVI-D Monitor Cable
(45J7915)
- Lenovo Mini-DisplayPort to VGA Monitor Cable
(0A36536)
- Lenovo DisplayPort to DisplayPort Monitor Cable
(0A36537)

Monitor Accessories⁴⁶ (all part numbers listed are US option P/N) Lenovo USB-to-DVI Monitor Adapter ** 45K5296 <i>ann 05/12/09</i> Lenovo DisplayPort to VGA Monitor Cable ** 57Y4393 <i>ann 08/04/09</i> DisplayPort to Single-link DVI-D Cable ** 45J7915 <i>ann 08/05/08</i> Lenovo Mini-DisplayPort to VGA Monitor Cable ** 0A36536 <i>ann 05/17/11</i> ** Supports a maximum 1920 x 1200 monitor resolution. Lenovo DisplayPort to DisplayPort Monitor Cable*** 0A36537 <i>ann 09/13/11</i> ***Hardware requirement: All Lenovo systems and monitors with DisplayPort 1.1a or 1.2 interface.		ThinkVision Soundbar 45K1263 <i>ann 09/16/08</i> Kensington® MicroSaver® Cable Lock 73P2582 <i>ann 12/29/03</i> Kensington Twin Head Cable Lock 45K1620 <i>ann 09/30/08</i> Lenovo Security Cable Lock 57Y4303 <i>ann 08/24/10</i> Lenovo Easy Reach Monitor Stand 55Y9258 <i>ann 09/22/09</i> ThinkCentre Extend Arm 57Y4352 <i>ann 07/06/10</i>
		⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

Compatibility matrix

	USB-to-DVI Adapter (45K5296)	DisplayPort to VGA Cable (57Y4393)	DisplayPort to DVI-D Cable (45J7915)	Mini-Display-Port to VGA Monitor Cable (0A36536)	DisplayPort to DisplayPort Monitor Cable (0A36537)	ThinkVision Soundbar (45K1263)	MicroSaver Cable Lock (73P2582)	Twin Head Cable Lock (45K1620)	Security Cable Lock (57Y4303)	Easy Reach Monitor Stand (55Y9258)	Extend Arm (57Y4352)
LT1421							73P2582	45K1620	57Y4303		
L1711p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
D186		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
L197	45K5296	57Y4393	45J7915	0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
L1900p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
L1951p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LT1952p	45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
L2021	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LS2221				0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
L2250p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L2251p	45K5296	57Y4393		0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LT2252p	45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
L2251x	45K5296	57Y4393		0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
L2321x	45K5296	57Y4393		0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LS2421p				0A36536	0A36537		73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L2440p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LT2452p	45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
LS1922		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L2461x		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L151	45K5296	57Y4393					73P2582	45K1620		55Y9258	
ⓧ L151p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L171	45K5296	57Y4393					73P2582	45K1620		55Y9258	
ⓧ L171p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L172	45K5296	57Y4393					73P2582	45K1620		55Y9258	
ⓧ L174	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L1700p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ D185	45K5296	57Y4393	45J7915			45K1263	73P2582	45K1620		55Y9258	
ⓧ L190x	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L191	45K5296	57Y4393					73P2582	45K1620		55Y9258	
ⓧ L192p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L193p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L194	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L1940p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L200p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L201p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L2060	45K5296	57Y4393	45J7915				73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L215	45K5296	57Y4393	45J7915			45K1263	73P2582	45K1620		55Y9258	
ⓧ L215p	45K5296	57Y4393				45K1263	73P2582	45K1620		55Y9258	
ⓧ L220x	45K5296	57Y4393					73P2582	45K1620		55Y9258	
ⓧ L2230x	45K5296	57Y4393				45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
ⓧ L2240p	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
ⓧ L2440x	45K5296	57Y4393	45J7915			45K1263	73P2582	45K1620		55Y9258	

ⓧ Monitors withdrawn from marketing.

More information at www.lenovo.com/support/monitoraccessories

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

¹ **ISO-compliant:** Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.

² **VESA:** Requires attachment to suitably configured system with similarly enabled operating system.

³ **ENERGY STAR:** As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 or 4.1 guidelines for energy efficiency. Requires attachment to suitably configured system.

⁴ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

⁵ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

⁶ **Lenovo pays all shipping costs** for warranty repairs during limited warranty period.

⁷ **ThinkPlus and Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. In the United States call 1-800-426-7378. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

¹⁰ **TAA:** Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

¹¹ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

¹² **Halogen:** Less than 900 Parts Per Million. Low halogen is defined in accordance with IPC-401B and draft IPC-J-STD 709 Class 1 requirements.

ThinkVision®

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